

**ABSTRACT OF THE DISCLOSURE**

To provide a transmissive screen which does not readily cause light diffraction and the generation of moire fringing and to provide a rear projector having such a superior transmissive screen. A transmissive screen including a Fresnel lens portion having Fresnel lens components on the surface of the light-exiting face thereof, a microlens array portion disposed at the light-exiting face side of the Fresnel lens portion and having many microlenses on the surface of the light-incident face, and a light diffusing portion disposed between the Fresnel lens portion and the microlens array portion. A rear projector having such a superior transmissive screen.